Please type a plus sign (+) in this box

Approved for use through 10/31/2002 OMB 0651-0032

U.S. patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number

UTILITY PATENT APPLICATION

Attomey Docket No.: First Named Inventor:

Title:

1650-8

Byong-Jun JANG

PTC THERMISTOR HAVING SAFETY STRUCTURE FOR PREVENTING CONTINUOUS BREAKAGE

TRANSMITTAL (Only for new nonprovisional application under 37 CFR 1.53(b) Express Mail Label No.: EV 171218454 US APPLICATION ELEMENTS **ADDRESS TO: Commissioner for Patents** See MPEP chapter 6000 concerning design patent application contents P.O. Box 1450 Alexandria, VA 22313-1450 Fee Transmittal Form (e.g. PTO/SB/17) (submit an original, and a duplicate for fee processing) \boxtimes CD-ROM or CD-R in duplicate, large table of Computer Program (Appendix) 1. 7. \boxtimes Applicant claims small entity status See 37 CFR 1.27 2. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) 8. Specification [Total Pages 25] (preferred arrangement set forth below, MPEP 1503.01)

- Descriptive Title of the Invention

- Cross References to Related Applications

- Statement Regarding Fed sponsored R&D

- Reference to sequence listing, a table, or a computer program listing appendix

- Background of the Invention 3. a. Computer Readable Form (CRF) b. Specification Sequence Listing on I. □ CD-ROM or CD-R (2 copies or ii. □ paper c.

Statements verifying identity of above copies - Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed) ACCOMPANYING APPLICATION PARTS \boxtimes 9. Assignment Papers (cover sheet & document(s)) - Detailed Description 37 CFR 3.73(b) Statement 10. ☐ Power of - Claim(s)
- Abstract of the Disclosure (when there is an assignee) 11. English Translation Document (if applicable) \boxtimes 4. Drawings(s) (37 CFR 1.152) [Total Sheets 8 \boxtimes 5. Information Disclosure Statement (IDS) PTO-1449 ☐ Copies of IDS Citations Oath or Declaration [Total Pages 2] 12. Newly executed (original or copy) a. 13. **Preliminary Amendment** b. Copy from a prior application (37 CFR 1.63(d)) Return Receipt Postcard (MPEP 503) (Should be specifically itemized) \boxtimes 14. ☐ DELETION OF INVENTOR(S a. Signed statement attached deleting inventor(s) named in the prior appl., see 37 CFR 1.63(d)(2) and 1.33(b) Certified Copy of Priority Document(s) (if foreign priority is claimed) **15.** ⊠ Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i).Applicant must attach form PTO/SB/35 or its equivalent. 16. ☐ Application Data Sheet. See 37 CFR 1.76 **17.** ⊠ Other: ...PTO-2038 Form..... 18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76: Continuation-in-part (CIP) Continuation Divisional of prior application No. Prior application information: Examiner: Group Art Unit: For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 19. CORRESPONDENCE ADDRESS Customer Number or Bar Code Label (Insert Customer No. or Attach bar code label here) or Correspondence address below Name Galgano & Burke Address 300 Rabro Drive, Suite 35 City State Hauppauge New York Zip Code 11788 Country USA Telephone 631-582-6161 Fax 631-582-6191 Name (Print/Type) Daniel P. Burke Registration No. (Attorney/Agent) 30,735 Signature Date: 03

PTO/SB/17 (01-03)
Approved for use through 10/31/2002 OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number

FEE TRANSMITTAL FOR FY 2003

Effective 01/01/200. Patent fees are subject to annual revision

Applicant claims small entity status.

See 37 CFR1.27

TOTAL AMOUNT OF PAYMENT (\$)415.00

Application Number:
Filing Date:
First Named Inventor
Examiner Name:
Group Art Unit:
Attomey Docket No.:

Complete If Known	
Byong-Jun JANG	
1650-8	

METHOD OF PAYMENT (check all that apply)	FEE CALCULATION (continued)					
□Check ⊠Credit □Money □Other □None □None	3. ADDITIONAL FEES					
□ Deposit Account: □ Deposit Account Number: 07-0130	Large		Small			
Deposit Account Name: Galgano & Burke The Commissioner is authorized to: (check all that apply)	Fee Code	Fee (\$)	Fee Code		Fee Description	Fee Paid
☐ Charge fee(s) indicated below ☐ Credit any overpayments	1051	130	2051	65	Surcharge - late filing	
☐ Charge any additional fee(s) during the pendency of this application except for issue fee	1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
☐ Charge fee(s) indicated below, except for filing fee to the above-identified deposit account.	1053 1805	130 2520	1053 1812	130 2520	Non-English specification For filing a request for ex parte	
FEE CALCULATION	1804	920*	1804	920*	2 harman at all this	
BASIC FILING FEE Large Entity Small Entity	1805	1840*	1805	1840*	to Examiner action Requesting publication of SIR after	
Fee Fee Fee Code (\$) Code (\$) Fee Description Fee Paid	1251 1252	110 410	2251 2252	55 205	Examiner action Extension for reply within first month Extension for reply within second month	
1001 750 2001 375 Utility filing fee <u>\$375.00</u> 1002 330 2002 165 Design filing fee	1253	930	2253	465	Extension for reply within third month	
1003 520 2003 260 Plant filing fee	1254	1450	2254	725	Extension for reply within fourth month	
1004 750 2004 375 Reissue filing fee	1255 1401	1970 320	2255 2401	985 160	Extension for reply within fifth month Notice of Appeal	
1005 160 2005 80 Provisional filing fee	1402	320	2402	160	Filing a brief in support of an appeal	
SUBTOTAL (1) (\$) 375.00	1403	280	2403	140	Request for oral hearing	
	1451	1510		1510	Petition to institute a public use	
2. EXTRA CLAIMS FEES FOR UTILITY & REISSUE					proceeding	
Extra Fee from Fee	1452	110	2452	55	Petition to revive - unavoidable	
Claims below Paid	1453	1300	2453	650	Petition to revive - unintentional	
Total Claims 0 00tt 0 40.00 0	1501 1502	1300 470	2501 2502	650 235	Utility issue fee (or reissue)	
Total Claims 8 - 20** = 0 x 18.00 = 0 Independent	1502	630	2502	315	Design issue fee Plant issue fee	
Claims $1 - 3^{**} = 0 \times 84.00 = 0$	1460	130	1460	130	Petitions to the Commissioner	
	1807	50	1807	50	Processing fee under 37 CFR 1.17(g)	
Multiple Dependent $0 = 0$	1806	180	1806	180	Submission of Information Disclosure Stm	t
	8021	40	8021	40	Recording each patent assignment per	
Large Entity Small Entity Fee Fee Fee Fee	4000	750			property (times number of properties)	<u>\$ 40/00</u>
Code (\$) Code (\$) Fee Description	1809	750	2809	375	Filing a submission after final rejection	
	1810	750	2810	375	37 CFR §1.129(a)) For each additional invention to be	
1202 18 2202 9 Claims in excess of 20 1201 84 2201 42 Independent claims in	1010	, 50	2010	3/3	examined 37 CFR §1.129(b))	
excess of 3	1801	750	2801	375	Request for Continued Examination (RCE)	
1203 280 2203 140 Multiple dependent claim, if not paid	1802	900	1802	900	Request for expedited examination	
1204 84 2204 42 **Reissue independent claims					of a design application	
over original patent 1205 18 2205 9 **Reissue claims in excess of of 20 and over original patent	Other fee (specify)					
SUBTOTAL (2) (\$) \$ 0.00 **or number previously paid, if greater;						
For Reissues, see above	SUBTOTAL (3) (\$) <u>\$ 40.00</u>					
	*Reduced by Basic Filing Fee Paid					